<u>Abstract</u>

The invention discloses a method to identify proteins involved in the insulin signaling pathway. The invention also discloses suitable targets for the development of new therapeutics to treat, prevent or ameliorate pathological conditions associated with dysregulation of the insulin signaling pathway. The invention also relates to methods to treat, prevent or ameliorate said conditions and pharmaceutical compositions therefor as well as to a method to identify compounds with therapeutic usefulness to treat pathological conditions associated with dysregulation of the insulin signaling pathway.